

20

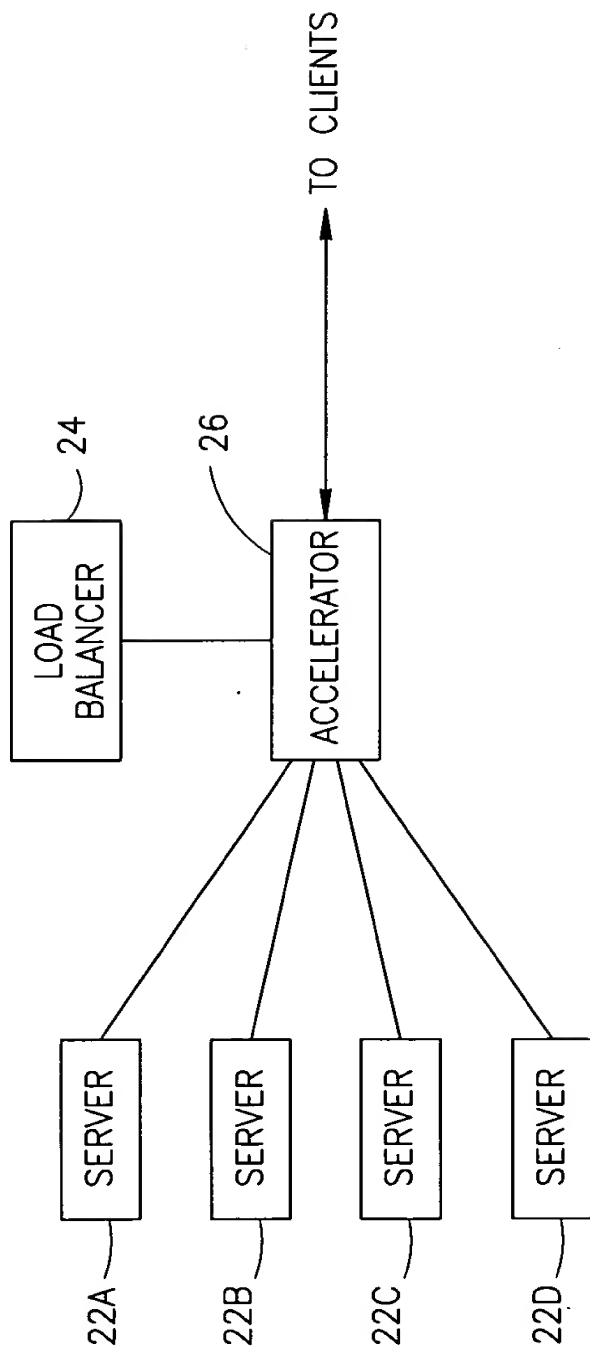


FIG.1

30

32		38		40	
34	36	38			
CLIENT ADDRESS	CLIENT PORT	PROTOCOL	SERVER ADDRESS	SERVER VLAN	

FIG.2

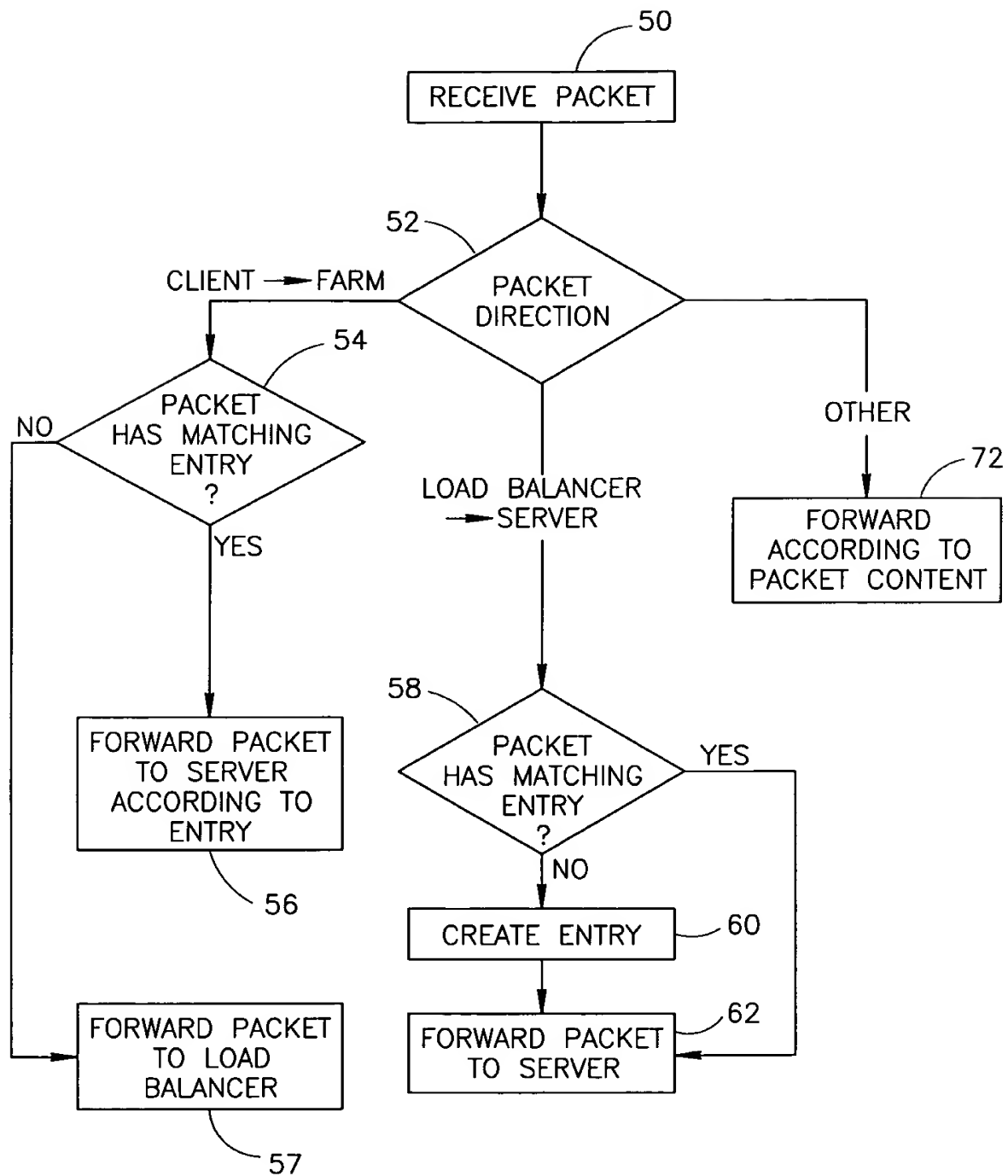


FIG.3

34	36	38	42	44	43	47
CLIENT ADDRESS	CLIENT PORT	PROTOCOL	SERVER ADDRESS	SERVER PORT	FARM ADDRESS	FARM PORT

FIG. 4

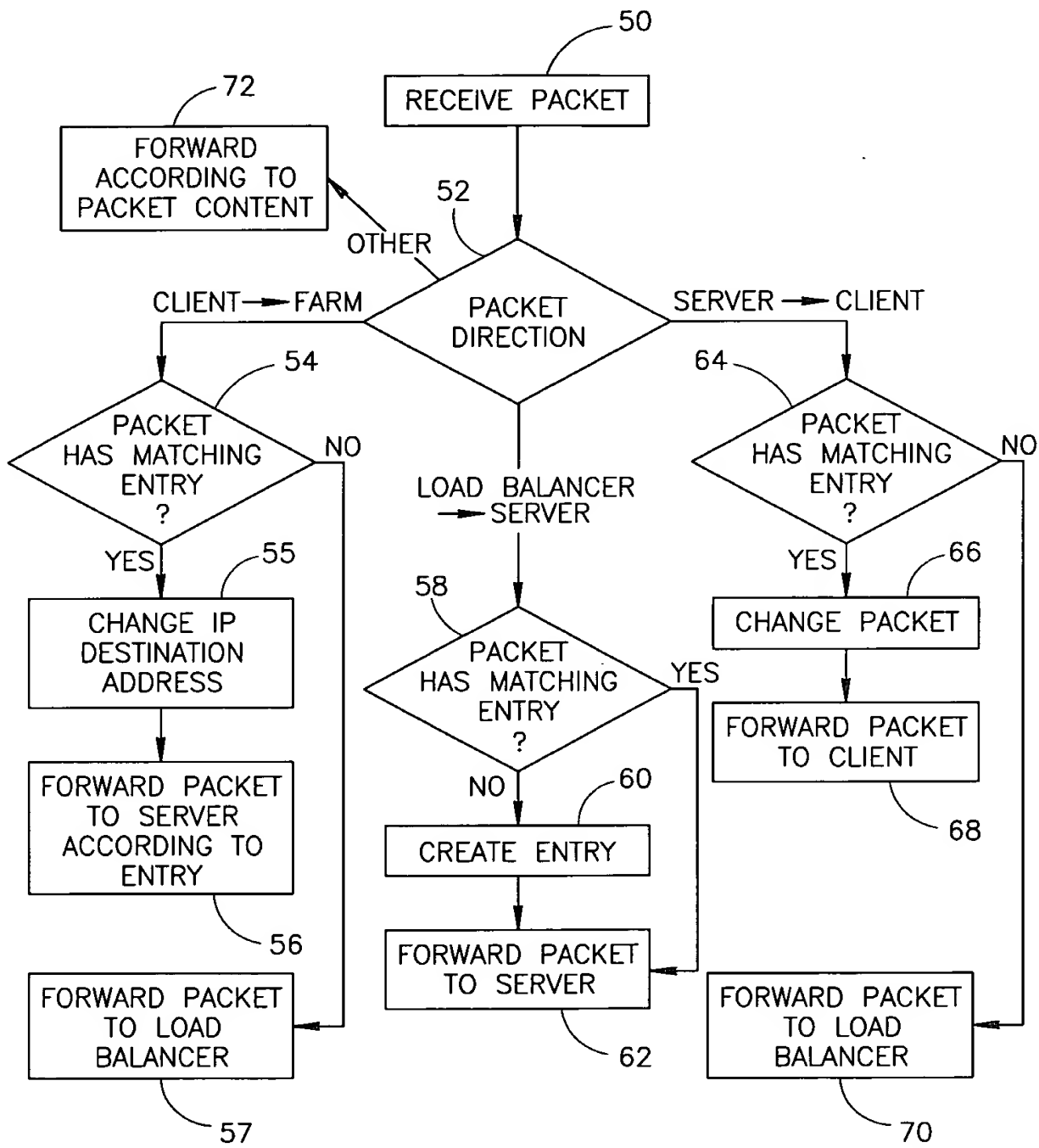


FIG.5

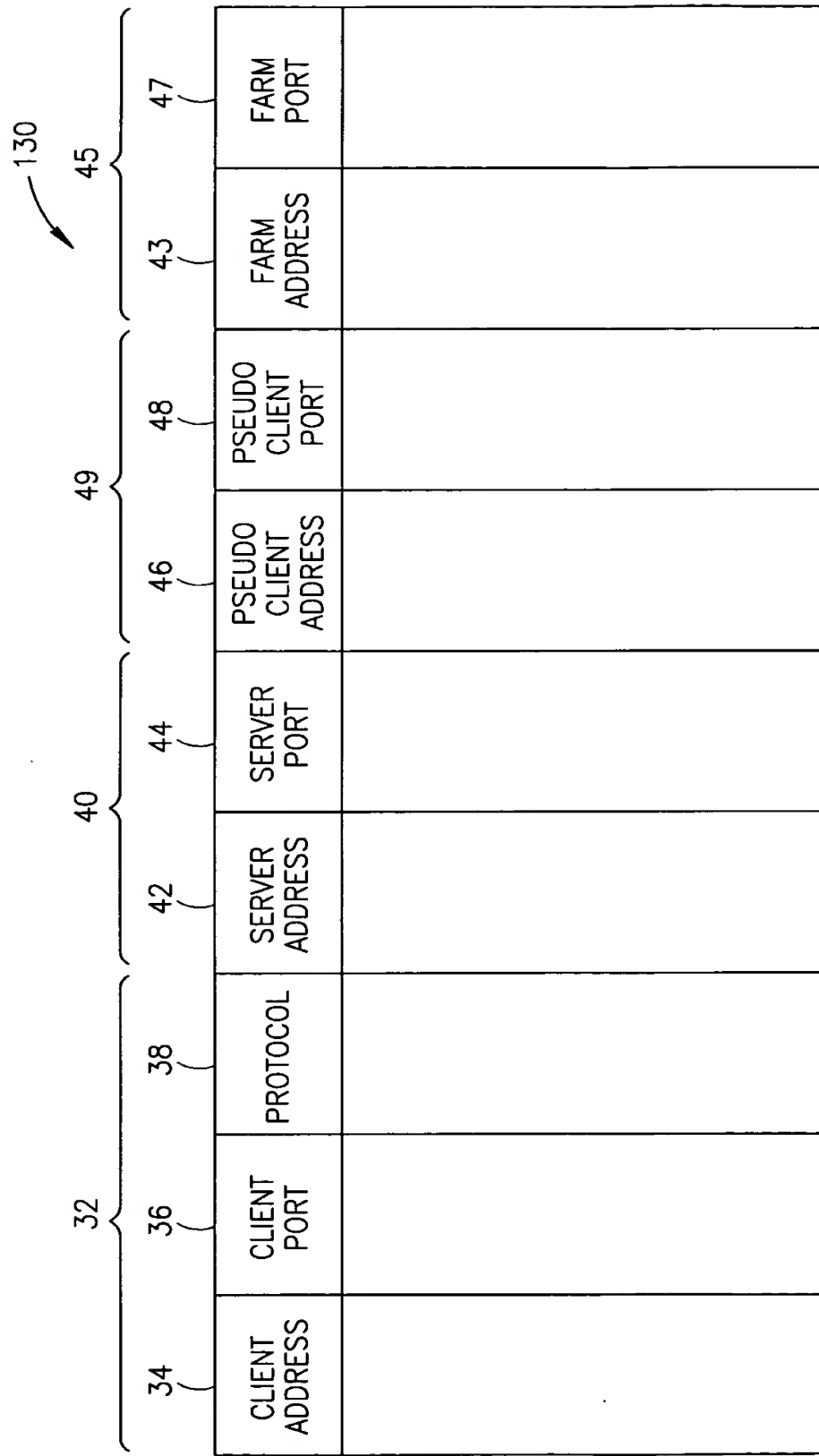


FIG. 6

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graph TD
    50[RECEIVE PACKET] --> 52{PACKET DIRECTION}
    52 -- CLIENT --> 54{PACKET HAS MATCHING ENTRY ?}
    52 -- FARM --> 72[FORWARD ACCORDING TO PACKET CONTENT]
    52 -- SERVER --> 64{PACKET HAS MATCHING ENTRY ?}
    52 -- BALANCER --> 58{PACKET HAS MATCHING ENTRY ?}
    
    54 -- YES --> 75[CHANGE PACKET]
    75 --> 56[FORWARD PACKET TO SERVER ACCORDING TO ENTRY]
    56 --> 77[CREATE RESPECTIVE ENTRY IN TEMPORARY STORAGE]
    77 --> 57[FORWARD PACKET TO LOAD BALANCER]
    
    54 -- NO --> 72
    
    58 -- YES --> 84[CREATE ENTRY IN TABLE]
    84 --> 60[FORWARD PACKET TO SERVER]
    
    58 -- NO --> 80[SEARCH TEMPORARY STORAGE FOR MATCHING ENTRY]
    80 --> 82{FOUND MATCHING ENTRY ?}
    82 -- YES --> 84
    82 -- NO --> 64
    
    64 -- YES --> 86[CHANGE SOURCE ADDRESS AND PORT]
    86 --> 88[CHANGE DESTINATION ADDRESS AND PORT]
    88 --> 68[FORWARD PACKET TO CLIENT]
    68 --> 70[FORWARD PACKET TO LOAD BALANCER]
    
    64 -- NO --> 70
  
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62

120

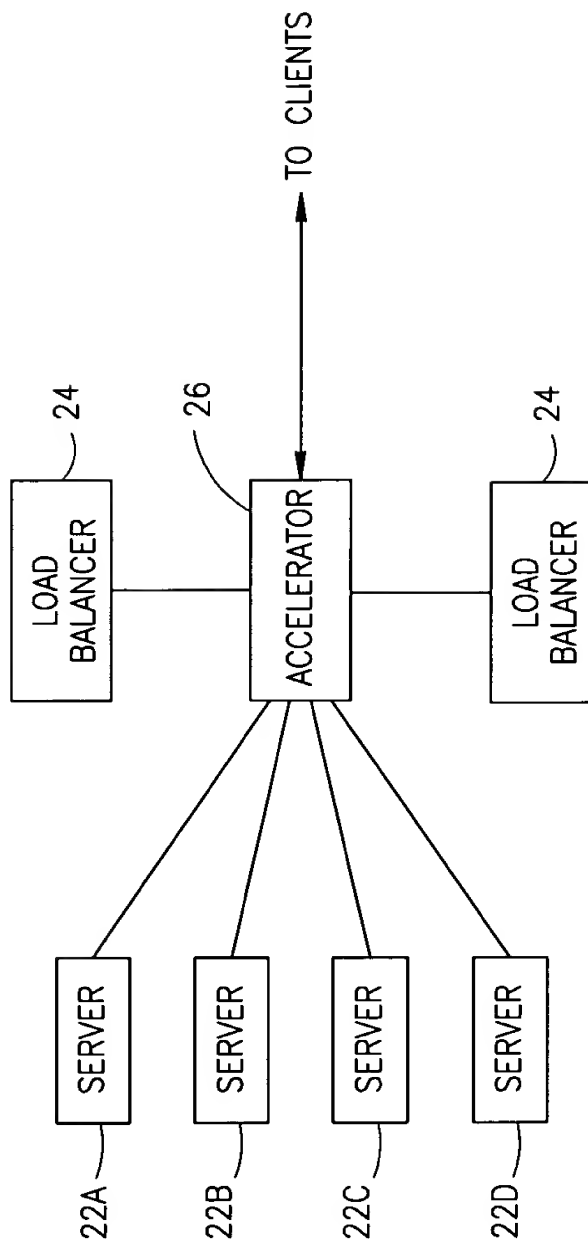


FIG. 8